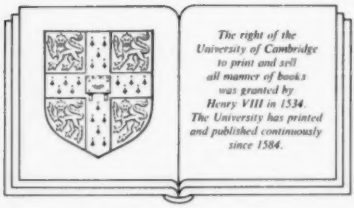
NUTRITION RESEARCH REVIEWS 1991

VOLUME 4

GENERAL EDITOR
M. I. GURR



CAMBRIDGE UNIVERSITY PRESS
CAMBRIDGE
NEW YORK PORT CHESTER MELBOURNE SYDNEY

Published by the Press Syndicate of the University of Cambridge
The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, N.Y. 10011–4211, U.S.A.
10 Stamford Road, Oakleigh, Victoria 3166, Australia

© Nutrition Society 1992

ISBN 0521 42441 0
ISSN 0954-4224

Printed in Great Britain by the University Press, Cambridge

CONTENTS

Contributors vii

Preface ix

Obituary Notice 1

The inter-organ flux of substrates in fed and fasted man, as indicated by arterio–venous balanced studies 3
M. ELIA

Maternal vitamin nutrition and malformations of the neural tube 33
CHRISTOPHER J. SCHORAH and RICHARD W. SMITHELLS

Nutrition in cystic fibrosis 51
ROSS W. SHEPHERD, GEOFFREY CLEGHORN, LEIGH C. WARD, CLARE R. WALL and TERRY L. HOLT

Intra-household food and nutrient allocation 69
ERICA F. WHEELER

Nutrition and immunity in the elderly 83
RANJIT KUMAR CHANDRA

The influence of legume seeds on human plasma lipid concentrations 97
SUSAN M. KINGMAN

Comparative aspects of gastrointestinal phosphorus metabolism 125
GERHARD BREVES and BERND SCHRÖDER

Critical evaluation of in vitro methods for estimating digestibility in simple-stomach animals 141
S. BOISEN and B. O. EGGUM

Subject index 163